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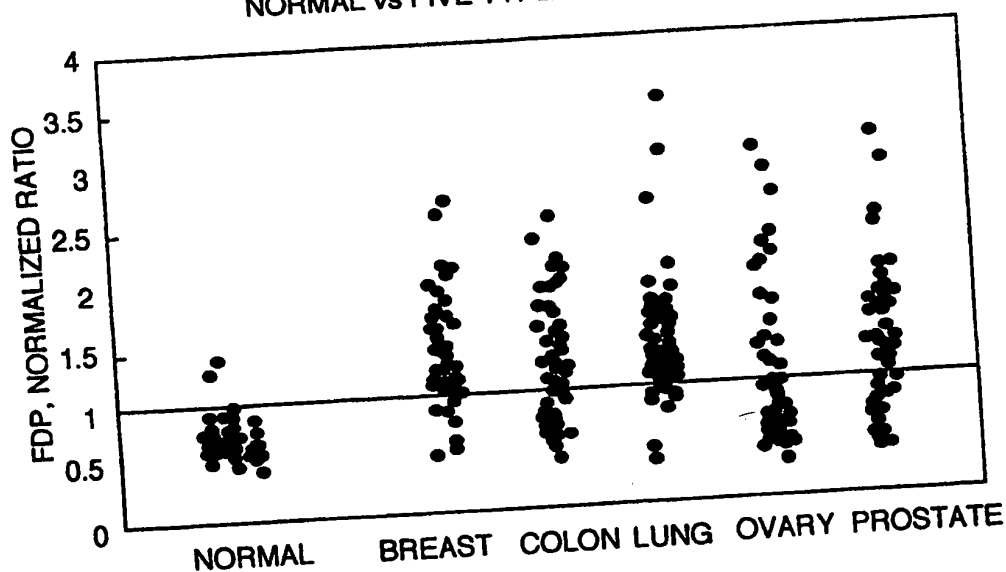
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With international search report.

Before the expiration of the time limit for amending the  
claims and to be republished in the event of the receipt of  
amendments.

(54) Title: IMMUNOASSAY FOR THE DETECTION OF CANCER

CLINICAL PERFORMANCE OF FDP  
NORMAL vs FIVE TYPES OF CANCER (n=50)



(57) Abstract

The present invention relates to a broad cancer immunoassay. Specifically, an immunoassay for peptides associated with oncogenic processes such as metastatic proteolysis is disclosed. In an illustrative embodiment, the immunoassay utilizes antibodies which bind to peptides which are generated by proteolytic processes and which contain epitopes which are masked in undegraded blood proteins such as fibrinogen. Detection of such degradation peptides in a biological sample by immunological methods allows the diagnosis of a wide variety of cancers.

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<b>International application No.</b> PCT/US98/11162	<b>Applicant's or agent's file reference</b> 30609.23WO01
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<b>Applicant</b> CRESS, Michael, C. et al	

1. The designated Office is hereby notified of its election made:

☒ in the demand filed with the International Preliminary Examining Authority on:

04 January 1999 (04.01.99)

☐ in a notice effecting later election filed with the International Bureau on:2. The election ☒ was☐ was not

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## PCT

09/42540

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>30609.23W001</b>	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. <b>PCT/US 98/ 11162</b>	International filing date (day/month/year) <b>02/06/1998</b>	(Earliest) Priority Date (day/month/year) <b>03/06/1997</b>
Applicant <b>AMD, INC. et al.</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. ☐ Certain claims were found unsearchable (see Box I).
2. ☐ Unity of invention is lacking (see Box II).
3. ☐ The international application contains disclosure of a nucleotide and/or amino acid sequence listing and the international search was carried out on the basis of the sequence listing
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Figure No. 3 ☒ as suggested by the applicant. ☐ None of the figures.  
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☐ because this figure better characterizes the invention.

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 G01N33/574 C07K16/36

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 G01N C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	J AMIRAL, M GROSLEY, F MIMILLA, V PLASSART, B CHAMBRETTE: "Monoclonal antibodies to different neo-epitopes on fibrinogen and fibrin degradation products" BLOOD COAGULATION AND FIBRINOLYSIS, vol. 1, no. 4-5, October 1990, pages 447-452, XP002080949	1,2, 5-11, 14-17,19
A	see the whole document  --- -/--	3,4,12, 13,20,21



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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Date of the actual completion of the international search

19 October 1998

Date of mailing of the international search report

30/10/1998

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Hart-Davis, J

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	K OKAJIMA, I KOHNO, J TSURUTA, H OKABE, K TAKATSUKI, B R BINDER: "Direct Evidence for Systematic Fibrinogenolysis in a Patient with Metastatic Prostatic Cancer" THROMBOSIS RESEARCH, vol. 66, no. 6, 15 June 1992, pages 717-727, XP002080950 see the whole document ----	1,2, 5-11, 14-17,19
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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 98/11162

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